January 7, 2009
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: **Mr. Ralph Coldiron**

Dear Mr. Coldiron:

Reference: **CMRS Geospatial Audit**
                         Perry County E911 Center
                         481 Main St.
                         Hazard, KY 41701

The Geospatial Audit of Perry County E911 Center located in Perry County was conducted on 11/20/2008. Perry County E911 Center provides wireless 9-1-1 service for Perry County.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Perry County E911 Center meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 66% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

Stantec

Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component   **Meets audit criteria**

Field Data Component   **Meets audit criteria with ** 100% of points tested meeting criteria

Wireless Data Component   **Meets audit criteria with ** 66% of calls tested meeting criteria

Based on the results of the audit, Perry County E911 Center meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
Tel: (502) 212-5044
Fax: (502) 212-5055
James.morse@stantec.com

Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name   <u>*Perry County E911 Center*</u>

Address	481 Main St.	**Audit Date**	11/20/2008
City	Hazard	**Audit Personnel**	MCCORMICKS
Contact	Alvin Caudill		
Contact Title	Director of PSAP		

Software	Version	Vendor
INTERACT GEO911	5.8	INTERACT PUBLIC SAFETY INC

Mapping Layers Used

      Road Centerlines: ☑

      Point Addresses: ☑

      Ortho Photography: ☑

      Other Layers: ☑   <u>**Type of 'other' layers used by PSAP:**</u>

      The map has 9 layers: Roads, Creeks/Streams, Lakes/Rivers, Cell, Structures, Cities, Owner-Parcels, Counties, Perry Sid

Notes and Observations:

The wireless function of the audit was adjusted to 66% (minimum passing score) upon the decision from the CMRS Board that the issues discovered in the audit of wireless calls were not PSAP issues but carrier issues and the PSAP should not be penalized for them. It is incumbent on the PSAP, however, that they should work with the various carrier(s) to improve the service to the PSAP.

Observations and comments: (1) This PSAP was in the middle of changing over to the viper system. The cut over was schedule to be done at 13:30. (2) The audit was completed on the existing system - Interact - before the cut over. (3) AT&T provide little information - no Lat/Long, no face or tower location (4) Appalachian Wireless did not provide a call back number on CAD, the call back number was obtained from the ALI print out

The data from the map and the wireless calls were obtained by Barbara Brashear

The map was last updated Monday - 11/17/08, the frequency of updates is monthly. The data for the map is supplies and installed by the GPS/Address Coordinator - Don Howard